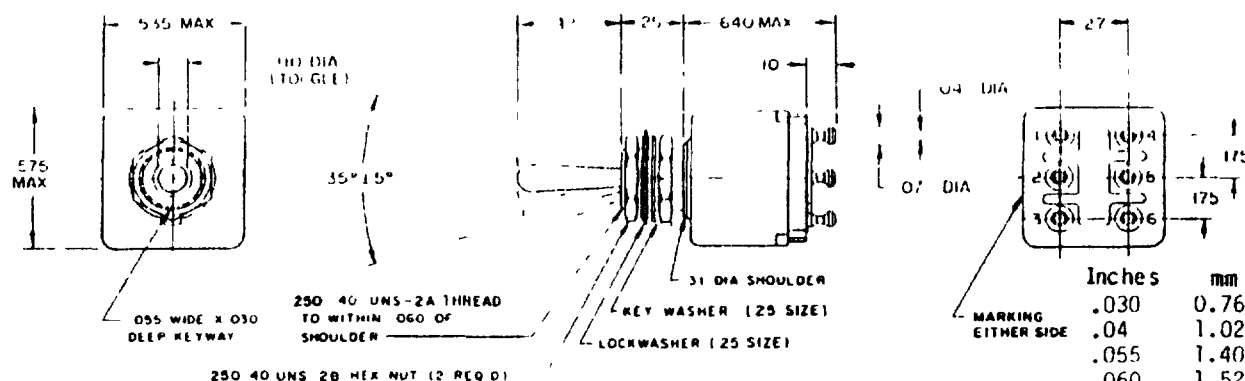


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THE ISSUE OF THE MIL-S-83731



NOTES

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .020$ (0.51 mm) on two place decimals and $\pm .005$ (0.13 mm) on three place decimals.
4. For hardware detail specifications, see supplement of MIL-S-83731
5. Configuration of switch case is optional provided maximum dimensions specified are not exceeded.

DETAIL REQUIREMENTS

CANCELED MS PART NUMBER 1/	SUBSTITUTE MS PART NUMBER 1/	CIRCUITS MADE WITH TOGGLE LEVER IN			
		KEYING SIDE 1-2	CENTER POSITION 4-5	OPPOSITE KEYING SIDE 2-3	5-6
MS27717-21	MS27717-21-1	ON	OFF	ON	
-22	-22-1	OFF	NONE	ON	
-23	-23-1	ON	NONE	ON	
-26	-26-1	MOM-ON	NONE	ON	
-27	-27-1	MOM-ON	OFF	MOM-ON	
-31	-31-1	MOM-ON	OFF	ON	

1/ The canceled part numbers are no longer procurable; the substitute part numbers have a lower dielectric withstanding voltage at reduced barometric pressure

NOTES

1. All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever
2. Test voltage for dielectric withstanding voltage at reduced barometric pressure, shall be 400 V rms minimum.
3. Electrical endurance shall be performed for 30,000 cycles
4. Mechanical endurance shall be performed 50,000 cycles at -65°C and then 50,000 cycles at 85°C
5. Intermediate current shall be performed for 30,000 cycles.
6. Terminals shall be molded into the switch case and shall accommodate no. 18 awg wire.
7. Strength of actuating lever pivot and lever stop 8 lbs
8. Sand and dust: Toggle boots in accordance with MIL-B-5423 shall be used
9. Maximum weight shall be .020 lb
10. Electrical ratings for 28 volts dc and 115 volts ac at 400 Hz
Lamp load = 1 ampere, resistive load = 5 amperes, inductive load = 2 amperes
11. In the event of a conflict between the text of this standard and the reference cited herein, the text of this standard shall take precedence
12. Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation form a part of this standard to the extent specified herein.

(E) denotes changes

PREPARING ACTIVITY Air Force-85 CUSTODIANS ARMY 1R NAVY LC AIR FORCE OLA Army-AV Air Force-49 REVIEW OLA LC USER PROJECT NUMBER 619 1437 11	MILITARY SPECIFICATION SHEET TITLE SWITCH, TOGGLE, MINIATURE DOUBLE POLE, UNSLATED	SPECIFICATION SHEET NUMBER MS27717E 18 Jun 1940 SUPERSEDING MS27717D 20 May 1938 AMSC 1000 1000 1000
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THIS SPECIFICATION IS APPROVED FOR USE BY all Departments and Agencies of the Department of Defense